

AT-RSW-30mm-WR10

WR-10 Rugged Straight Waveguide

Rugged Straight Waveguide, 30mm Full W Band, 75-110GHz, WR-10

2023-5-5



Product Overview

AT Microwave provides rugged straight waveguide with high performance. RSW series Flanges are anti-cocking design for high precision test application.

AT Microwave offers straight waveguide covering 33-260GHz, with waveguide port from WR-22 to WR-04.

More information, please visit www.atmicrowave.com

Advantages

- ✓ Rugged Application
- ✓ Low Insertion Loss
- ✓ Anti-cocking Design
- ✓ Low Cost, Fast Delivery

Application

- ✓ Labs Test
- ✓ Radar System
- ✓ High Performance Application

Key Features

| Parameter | Min | Typical | Max |
|--------------------|-------|---------|--------|
| Passband Frequency | 75GHz | | 110GHz |
| VSWR | | 1.15 | |
| Length (note) | | 30mm | |

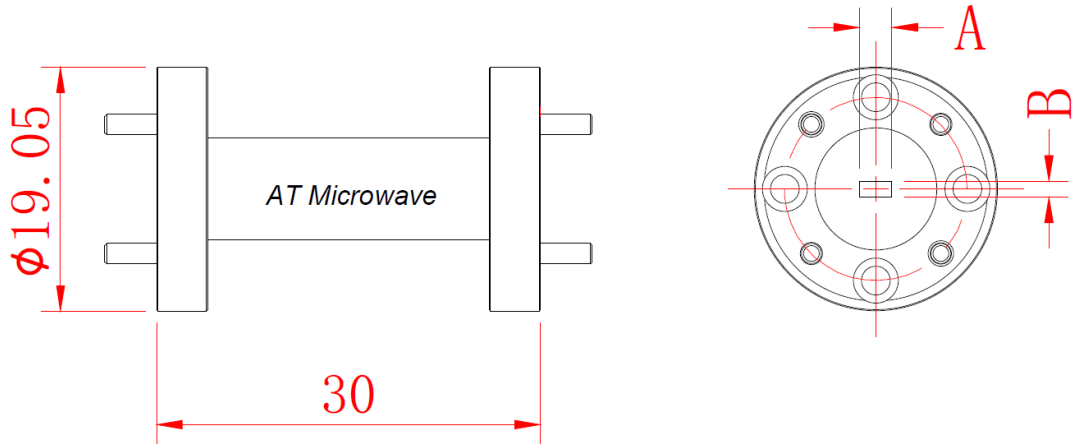
Note: Length can be customized according to request.

Mechanical Information

| Item | Description |
|---------------|---|
| Input Port | WR-10, UG-387/U-M Flange with anti-cocking Flange |
| Output Port | WR-10, UG-387/U-M Flange with anti-cocking Flange |
| Case Material | Copper |
| Finish | Gold Plated |
| Weight | 35g |



Dimension (unit mm)



| Dimensions(mm) | | |
|----------------|------|------|
| Waveguide | -A- | -B- |
| WR-15 | 3.76 | 1.88 |
| WR-12 | 3.10 | 1.55 |
| WR-10 | 2.54 | 1.27 |
| WR-08 | 2.03 | 1.02 |
| WR-06 | 1.65 | 0.83 |
| WR-05 | 1.30 | 0.65 |
| WR-04 | 1.09 | 0.55 |
| WR-03 | 0.86 | 0.43 |

